

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM
LISTING SERVICE



LISTING No. 7170-1641:112

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CATEGORY: Control Unit (High-Rise)

LISTEE: Viking Electronic Services, 620 Allendale Rd, Suite 175, King of Prussia, PA 19406
Contact: Peter Rapp (610) 992-2225 Fax (610) 992-3380

DESIGN: Models e-LAN lite VF1100, -1101, -1102, -1103, -1104, and e-LAN VF1120, -1121, -1122, -1123, -1124, -1140, -1141, -1142, -1143, -1144 Analog Addressable Fire Alarm System. May be followed by suffixes -XX which represents the color of the panel enclosure, -10 for red, -20 for charcoal. Local, manual and automatic, sprinkler supervisory and waterflow services. Refer to listee's data sheet for additional detailed product description and operational considerations. System components:

VF1500	Control Board
VF1540	Lite Control Board
VF1601	Panel Annunciator Board
VF1641	Lite Panel Annunciator Board
VF1053	Loop Expansion Module
VF8115	4 Amp Power Supply
VF1503	Enclosure Complete
VF5455	Battery Cabinet
VF1150	Media Gateway (VF1101, VF1121, VF1141)
VF1151	Network Interface Card (VF1102, VF1122, VF1142)
VF1152	Modem DACT (VF1103, VF1123, VF1143)
VF1153	Modem DACT Ethernet (VF1104, VF1124, VF1144)
EVAX-25, EVAX-50	Voice Evacuation System (Listing No. 6911-1446:100)
EVAX-100, EVAX-150	Voice Evacuation System (Listing No. 6911-1446:100)
EVAX-200	Voice Evacuation System (Listing No. 6911-1446:100)
EVX-4Z	Zone Splitter, 4 Zone (Listing No. 6912-1446:101)
HMX-MP	Master Panel, Master Fire Phone (Listing No. 6911-1446:103)
HMX-DP	Distribution Panel (Listing No. 6911-1446:103)
PWR-2A	Power Supply (Listing No. 6911-1446:103)
MFP	Master Fire Phone Card (Listing No. 6911-1446:103)
DCC	Data Communication Control Card (Listing No. 6911-1446:103)
ASC	Audio System Control Card (Listing No. 6911-1446:103)
SSC	Switch Scan Card (Listing No. 6911-1446:103)
MMC	Microphone Master Control Card (Listing No. 6911-1446:103)
IOI	Input/Output Card (Listing No. 6911-1446:103)
SLC	Switch and LED Card (Listing No. 6911-1446:103)
MFH	Master Fire Phone Handset Card (Listing No. 6911-1446:103)
MBR	Motherboard Card (Listing No. 6911-1446:103)
AMI	Audio Module Interface Card (Listing No. 6911-1446:103)
FPI	Motherboard Relay Card (Listing No. 6911-1446:103)

RATING: 120V, 50 / 60Hz, 2.1A
240V, 50 / 60Hz, 1.1A

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, rating, and UL label.

APPROVAL: Listed as fire alarm control units for use in high-rise applications when used in conjunction with listed compatible indicating and initiating devices. Refer to manufacturer's Installation Manual for details.

These control units generate a distinctive temporal pattern (Temporal Pattern Fire Alarm Evacuation) for total evacuation in accordance with NFPA 72, 2002 Edition.

This control unit meets the requirements of UL-864, 9th Edition Standard.

NOTE: For **Fire Alarm Verification Feature** (delay of fire alarm signal), the maximum Retard/Reset/Restart period shall not exceed 30 seconds.

12-05-2007



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JULY 9, 2008**

*Listing Expires **June 30, 2009***

Authorized By: **BEN HO, Chief**
Fire Engineering Division